



WREXHAM RURAL DISTRICT COUNCIL

# ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND THE

CHIEF PUBLIC HEALTH INSPECTOR

FOR THE YEAR

1967

J. GARETH M. WILLIAMS, M.B., Ch.B., D.P.H.

S. DAVIES, M.R.S.H., M.A.P.H.I., C.M.I.



CYNGOR DOSBARTH GWLEDIG WRECSAM

# ADRODDIAD BLYNYDDOL

Y

SWYDDOG MEDDYGOL

A'R

PRIF AROLYGWR IECHYD

AM Y FLWYDDYN 1967.

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STAFF OF PUBLIC HEALTH DEPARTMENT.

MEDICAL OFFICER OF HEALTH

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CHIEF PUBLIC HEALTH INSPECTOR AND \*CLEANSING OFFICER

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DEPUTY CHIEF PUBLIC HEALTH INSPECTOR AND \*CLEANSING OFFICER

C. DAVIES, M.A.P.H.I.

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PUBLIC HEALTH, HOUSING AND PETROLEUM INSPECTORS

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H. JONES, A.R.S.H., M.A.P.H.I., C.M.I.

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TECHNICAL ASSISTANT

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PUPIL PUBLIC HEALTH INSPECTORS

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C. G. EDWARDS.

REFUSE REMOVAL SUPERINTENDENT

\*W. I. HUGHES.

CHIEF CLERK

Miss O. M. DAVIES.

JUNIOR SHORTHAND TYPIST

Miss W. TRUSWELL.

JUNIOR CLERK/ASSISTANT REFUSE REMOVAL SUPERINTENDENT.

\*P. J. NEWMAN.

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CLERK OF THE COUNCIL

TREVOR L. WILLIAMS, O.B.E., LL.M.

CHAIRMAN OF THE HEALTH COMMITTEE

\*COUNCILLOR R. D. JONES.

\*COUNCILLOR Dr. P. GANDY.

THE HEALTH COMMITTEE CONSISTS OF ALL MEMBERS OF THE COUNCIL.

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\* Part of Year.

**ANNUAL REPORT**  
**OF THE MEDICAL OFFICER OF HEALTH**  
**FOR THE YEAR 1967.**

*To the Chairman and Members of Health Committee.*

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present my Annual Report for the year 1967.

No major outbreak of infectious disease occurred during the year. As usual Measles accounted for the majority of notifications and it will be interesting to see the future effects of the vaccination programme to be instituted during 1968.

Disease of the heart and circulation continue to account for an ever increasing proportion of deaths. Deaths from cancer also increased as compared to the previous year, the increase being mainly due to cancer of the lung and stomach. It is worth noting here that 1967 was the first full year for the important new service for the early detection of cancer of the uterus and breast, although it is too early to assess the results therefrom.

The birth rate showed a small increase as compared to the previous year. This is contrary to the general trend in England and Wales, where the birth rate has steadily fallen since 1964.

In England and Wales also it is gratifying to record the fact that the Neo-Natal Mortality, Still Birth and Maternal Mortality Rates were all the lowest ever recorded. All the above are sensitive indicators not only of the Maternity Services but also of living standards in general.

I am happy to record my gratitude for the constant support of the County Medical Officer, Dr. M. T. Islwyn Jones, and his staff, and the continued co-operation of the other branches of the Health Services in the area.

My thanks are also due to my colleague, the Chief Public Health Inspector, and his staff, and to Miss Olwen Davies and Miss Wendy Truswell of the General Office Staff for their willing co-operation and invaluable assistance throughout the year.

Finally, I wish to record my appreciation to the Chairman and Members of the Health Committee for their support and kindly co-operation on all occasions.

Yours sincerely,

J. GARETH M. WILLIAMS,  
*Medical Officer of Health.*

MR. CADEIRYDD, FONEDDIGESAU A BONEDDIGION,

Mae'n anrhydedd gennyf gyflwyno fy Adroddiad Blynyddol am y flwyddyn 1967.

Ni chafwyd achos mawr o glefydau heintus yn ystod y flwyddyn. Fel arfer, y Frech Goch oedd yn gyfrifol am y mwyafrif o'r hysbysebion a bydd yn ddiddorol gweld effaith ddyfodol y rhaglen frechiadau sydd i'w sefydlu yn ystod 1968.

Deil clefyd y galon a'r cylchrediad yn gyfrifol am gyfartaledd fyth-gynhyddol o'r marwolaethau. Bu cynnydd hefyd yn y marwolaethau a achoswyd gan gancer o'i gymharu a llynedd. Cancer yr ysgyfaint a'r stumog oedd fwyaf cyfrifol am hyn. Mae'n werth nodi yma mai 1967 oedd y flwyddyn gyflawn cyntaf o'r gwasan-aeth pwysig newydd i hwyluso darganfyddiad cynnar o gancer y groth a'r fron, er ei bod yn rhy gynnar hyd yn hyn i ddyfarnu'r canlyniadau.

Bu cynnydd bychan yng nghyfartaledd y genedigaethau o'i gymharu a'r flwyddyn gynt. Mae hyn yn groes i'r duedd gyffredinol yn Lloegr a Chymru, lle mae cyfartaledd genedigaethau wedi darostwng yn raddol ers 1964.

Yn Lloegr a Chymru hefyd, mae'n bleser cofnodi'r ffaith fod cyfartaledd Marwolaethau Plant Newydd-Anedig, Genedigaethau Marwol a Marwolaethau Mamol, yr isaf a gofnodwyd erioed. Dyma brawf, nid yn unig o lwyddiant y Gwasanaethau Mamol, ond hefyd o gynnydd safonau byw yn gyffredinol.

Dymunaf fynegi fy niolchgarwch am gymorth cyson Dr. M. T. Islwyn Jones, Swyddog Meddygol y Sir, a'i Staff, a chydweithrediad parhaus adrannau eraill y Gwasanaethau Iechyd yn yr ardal.

Mae fy nyled yn fawr iawn hefyd i'm cyd-swyddog, y Prif Arolygwr Iechyd, a'i Staff, ac i Miss Olwen Davies a Miss Wendy Truswell o'r Swyddfa Gyffredinol, am eu cyd-weithrediad parod a'u cymorth gwerthfawr drwy gydol y flwyddyn.

Yn olaf, dymunaf gofnodi fy ngwerthfawrogiad i Gadeirydd ac aelodau'r Pwyllgor Iechyd am eu cymorth a'u cyd-weithrediad caredig ar bob achlysur.

Yr eiddoch yn gywir,

J. GARETH M. WILLIAMS,

*Swyddog Meddygol.*

## 1. GENERAL STATISTICS.

Area (in acres) .....	72,370
Population, R.G.'s Estimate, Mid-Annual 1967, .....	62,210
Population, Density per acre .....	0.86
Number of Inhabited Houses .....	21,371
Number of Inhabited Council Houses .....	8,223
Sum represented by 1d. Rate, 1966—1967 .....	£5,886 13s. 1d.

## POPULATION

The estimated mid-annual population for 1967 as given by the Registrar General was 62,210, as compared with 62, 500, in 1966. This is the fourth successive year to show a decrease in population.

Since the war, the estimated mid-year population of the Wrexham Rural District has remained remarkably constant at approximately 62,000; the highest figures being 62,630 in 1964, and 62,600 in 1965. The lowest figure was 61,950 in 1960. Throughout this period, births have exceeded deaths in each year by approximately 25% (average total births per annum approximately 1,000 and average total deaths per annum approximately 750).

## 2. VITAL STATISTICS.

Comparability Factor. 1.05 (Births). 1.07 (Deaths).

BIRTHS.				M.	F.	Total.
Legitimate .....	.....	.....		485	480	965
Illegitimate .....	.....	.....		41	35	76
Totals .....				<u>526</u>	<u>515</u>	<u>1,041</u>

Birth Rate per 1000 population. Crude 16.73  
Adjusted 17.57  
England and Wales 17.2

Illegitimate Live Births per cent of Total Live Births 7.30.

The Total of 1041 live births shows an increase of 4 on the total for 1966. The births included 526 males and 515 females. Of this total 802 confinements took place in hospital, giving a proportion of approximately 77%. In 1966, the proportion was 79% and in 1965 was 75%. The 1967 total is made up as follows :

TABLE 1.

Hospitals	Total
Chirk	9
Llangollen	69
Wrexham	724



The following Table sub-divides the total number of legitimate births according to parishes :—

**TABLE 2.**  
**BIRTHS.**

<i>Parish</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Abenbury .....	6	4	10
Allington .....	14	12	26
Bersham .....	32	48	80
Bieston .....	3	2	5
Broughton .....	66	56	122
Brymbo .....	32	26	58
Burton .....	2	3	5
Cefn .....	53	50	103
Erbistock .....	2	1	3
Erddig .....	.....	.....	.....
Esclusham Above .....	2	.....	2
Esclusham Below .....	25	22	47
Gresford .....	24	16	40
Gwersyllt .....	55	65	120
Holt .....	4	5	9
Isycoed .....	2	5	7
Llangollen Rural .....	16	16	32
Llantysilio .....	6	5	11
Llay .....	24	29	53
Marchwiell .....	7	10	17
Minera .....	8	5	13
Penycae .....	18	29	47
Rhos .....	63	55	118
Ruabon .....	18	16	34
Sesswick .....	3	.....	3
Totals .....	485	480	965

In addition to the above, a total number of 76 illegitimate births must be added, a proportion of 7.3%, giving a corrected total of 1,041.

## **BIRTH RATE**

The crude birth rate per 1000 population in the Wrexham Rural District is 16.73, as compared with 16.59 for 1966. When adjusted, (by means of the comparability factor) it comes to 17.57 for 1967 as compared with 17.42 for 1966. It will be seen, therefore, that both the crude and adjusted rates for the Wrexham Rural District show a small increase on the 1966 figures. This is against the trend in England and Wales, where the adjusted birth rate is 17.2 per 1000 population as compared with 17.7 for 1966. This is the third successive year that a decrease in the birth rate has taken place in England and Wales.



STILL BIRTHS.				M.	F.	Total.
Legitimate	.....	.....	.....	11	10	21
Illegitimate	.....	.....	.....	—	1	1
				—	—	—
		Totals	.....	11	11	22
				—	—	—

Still Birth Rate per 1000 Live and Still Births ..... 20.69

England and Wales Still Birth Rate per 1000 Live

Still Births ..... 14.7

The total of 22 stillbirths shows a decrease of 3 as compared with 1966. As in every year, the majority are associated with prematurity and congenital abnormalities.

### STILL BIRTH RATE

The still birth rate of 20.69 shows a decrease as compared with the previous year's still birth rate of 23.54. However, the figure for this district is still above the England and Wales figure which is 14.7. Over the last few years there has been a steady decline in the still birth rate in England and Wales and this present figure of 14.7 is the lowest on record.

DEATHS.		M.	F.	Total.
		436	379	815
Death Rate per 1000 population. Crude			13.1	
	Adjusted		14.1	
	England and Wales		11.2	

The total of 815 deaths compares with 862 in 1966 and 749 in 1965. It will be seen that the number of deaths shows a decrease of 47 as compared with the previous year.

TABLE 3.

## DEATHS.

<i>Parish</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
A benbury .....	.....	3	3
Allington .....	11	7	18
Bersham .....	25	28	53
Bieston .....	3	1	4
Broughton .....	36	34	70
Brymbo .....	35	24	59
Burton .....	3	4	7
Cefn .....	39	52	91
Erbistock .....	3	1	4
Erddig .....	.....	.....	.....
Esclusham Above .....	1	1	2
Esclusham Below .....	14	8	22
Gresford .....	22	18	40
Gwersyllt .....	31	42	73
Holt .....	11	9	20
Isycoed .....	1	.....	1
Llangollen Rural .....	20	18	38
Llantysilio .....	4	1	5
Llay .....	22	13	35
Marchwiell .....	3	3	6
Minera .....	13	10	23
Penycae .....	29	12	41
Rhos .....	70	61	131
Ruabon .....	28	23	51
Sesswick .....	1	1	2
Totals .....	425	374	799

In addition to the above, 16 Infant Deaths must be added, giving a corrected total of 815.

TABLE 4.  
DEATHS FROM MALIGNANT DISEASES.

Cause of death	Sex	Total all ages	Under 4 weeks	4 weeks and under 1 year	Age in years.								75 and over
					1—	5—	15—	25—	35—	45—	55—	65—	
Stomach	Male	22	.....	.....	.....	.....	.....	.....	.....	.....	7	10	5
	Female	8	.....	.....	.....	.....	.....	.....	.....	.....	1	5	2
Lung and Bronchus	Male	37	.....	.....	.....	.....	1	.....	1	1	17	12	5
	Female	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Breast	Male	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Female	10	.....	.....	.....	.....	.....	.....	.....	4	1	2	3
Uterus	Female	6	.....	.....	.....	.....	.....	.....	.....	3	1	2	.....
Others	Male	31	.....	.....	.....	.....	.....	2	2	1	9	17	.....
	Female	40	.....	.....	.....	.....	.....	1	.....	6	7	14	12
Leukaemia and Aleukaemia	Male	2	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....
	Female	3	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	1

TABLE 5.  
CAUSES OF DEATH.

CAUSE OF DEATH	Sex	Total all Ages	Under 4 weeks	4 weeks and under 1 year	AGE IN YEARS										
					1—	5—	15—	25—	35—	45—	55—	65—	75 and over		
1. Tuberculosis, Respiratory	M	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10. Malignant Neoplasm, stomach .....	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11. Malignant Neoplasm, lung, bronchus .....	M	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12. Malignant Neoplasm, breast .....	F	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13. Malignant Neoplasm, Uterus .....	M	37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14. Other malignant and lym- phatic neoplasms .....	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15. Leukaemia, aleukaemia .....	M	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16. Diabetes .....	F	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17. Vascular lesions of nervous system .....	M	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18. Coronary disease, angina	M	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19. Hypertension with heart disease .....	F	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20. Other heart disease	M	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21. Other circulatory disease	F	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CAUSE OF DEATH	Sex	Total all Ages	Under 4 weeks	4 weeks and under 1 year	AGE IN YEARS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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22. Influenza .....	M	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....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It will be seen from Tables 4 and 5 that by far the largest single cause of death in both men and women has been Coronary Disease and Angina, accounting for 108 male and 82 female deaths during the year. The vast majority, (176) occurred in the age group of 55 and over.

Other diseases of the heart and circulatory system account for a further 236. It will be seen, therefore, that when all causes of death attributed to diseases of the heart and circulatory system are added together, the grand total of 426 accounts for more than half of the total deaths from all causes.

The second most prevalent cause of death is Cancer. This accounts for a total of 160 deaths, 92 of which were males and 68 females. Of this grand total, only 23 occurred in persons under the age of 55 and the largest number occurred in the age group between 65 and 75 years. The most prevalent defined type of cancer is that of the lung and bronchus, which accounted for a total of 38, only one of which was female.

1967 was the first full year that the new service for detection of cervical cancer and breast cancer was in operation. It is, therefore, too early to write any significance into figures, but the total number of deaths from both of these causes fell from 23 in 1966 to 16 in 1967.

As far as England and Wales are concerned, in 1967, deaths from cancer show an increase in both sexes as compared with the previous year. Cancer of the lung accounted for 39% of all cancer deaths in males but the proportion for females was only 9% of the total.

The third largest single category is diseases of the respiratory system, particularly Pneumonia and Bronchitis. The total here (124) shows very little difference from the 129 deaths from this cause in 1965. Respiratory Tuberculosis accounted for two deaths as compared with 4 in 1966. The total number of deaths from respiratory tuberculosis in 1967 in England and Wales was 1,797 as compared to 2,090 in 1966. Since 1957 the death rate from this cause has fallen by 61%.

## DEATH RATE

The crude death rate per 1000 population was 13.1 (13.79 in 1966) and the adjusted death rate (using the comparability factor) was 14.1 (15.03 in 1966). The England and Wales figure was 11.2, a slight decrease from 1966 when it was 11.7.

INFANTILE MORTALITY.				M.	F.	Total.
Legitimate	.....	.....	.....	10	4	14
Illegitimate	.....	.....	.....	1	1	2
			Totals	11	5	16

## INFANTILE MORTALITY RATES.

Total Infant Deaths per 1000 total Live Births .....	15.37
England and Wales .....	18.3
Legitimate Infant Deaths per 1000 legitimate live births .....	14.51
Illegitimate Infant Deaths per 1000 illegitimate live births .....	26.32
Neo-Natal Mortality Rate (deaths under 1 month) per 1000 total Live Births .....	9.61
England and Wales .....	12.5
Early Neo-Natal Mortality Rate (deaths under 1 week) per 1000 total Live Births .....	7.68
England and Wales .....	10.8
Perinatal Mortality Rate (still births and deaths under 1 week combined) per 1000 total live and still births .....	28.22
England and Wales .....	25.4

As will be seen, the total number of deaths under the age of 1 year was 16, of which 11 were males. Of the total of 16, 10 occurred in the first month. This gives a Neo-Natal Mortality rate of 9.61 per 1000 total live births, which is below the England and Wales figure of 12.5—a highly satisfactory situation. The England and Wales rate is the lowest ever recorded.

## MATERNAL MORTALITY

For the tenth successive year, it is pleasing to report that there were no Maternal Deaths. In England and Wales there was a total of 170 maternal deaths giving a rate of 0.2 per 1000 total births. This is the lowest ever recorded and is below the previous record low rate of 0.25 experienced in 1964 and 1965.

## INFECTIOUS DISEASES

The total number of infectious diseases notified during the year was 224, an increase of 71 on the previous year's total, but is still well below the total of 576 notified during 1965. As in every year, Measles accounts for the majority of notifications and 38 more cases of this disease were notified in 1967 as compared to the previous year.

Vaccination against Measles has not of course been started during 1967 and it will be interesting to see the effect of this important new measure in future years.

The Dysentery figures are remarkably low, particularly in comparison with the previous two years (24 in 1966 and 115 in 1965).

No major outbreak of any infectious disease occurred during the year.



TABLE 6

## INCIDENCE OF NOTIFIABLE DISEASES ACCORDING TO PARISHES.

Parish	Admitted to Hospital or Sanatoria														
	Scarlet Fever	Whooping Cough	Measles	Pulm. T.B.	Non-Pulm. T.B.	Dysentery	Puerperal Pyrexia	Pneumonia	Totals	Pulmonary T.B.	Non-Pulm. T.B.	Dysentery	Puerperal Pyrexia	Pneumonia	Totals
Abenbury	6	...	12	...	...	...	...	...	18	...	...	...	...	...	...
Allington	9	16	3	1	...	...	...	3	32	...	...	...	...	...	...
Bersham	...	...	6	...	...	...	...	...	9	...	...	...	...	...	...
Bieston	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...
Broughton	2	...	10	3	...	...	...	...	15	1	...	...	...	...	1
Brymbo	...	...	...	4	1	...	1	1	7	1	1	...	1	...	3
Burton	5	7	...	...	...	...	...	...	12	...	...	...	...	...	...
Cefn	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erbistock	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Erddig	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Esclusham Above	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Esclusham Below	...	...	3	...	1	...	...	...	4	...	...	...	...	...	...
Gresford	...	5	2	...	...	4	...	1	12	...	...	...	...	...	...
Gwersyllt	2	1	78	1	...	...	...	...	82	1	...	...	...	...	1
Holt	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...
Isycoed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Llangollen Rural	...	...	2	...	...	...	...	...	2	...	...	...	...	...	...
Llantysilio	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Llay	...	6	...	...	...	...	...	2	8	...	...	...	...	...	...
Marchwiel	1	...	14	...	...	...	...	1	16	...	...	...	...	1	1
Minera	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
Penycae	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rhos	...	...	1	2	...	...	...	...	3	...	...	...	...	...	1
Ruabon	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...
Sesswick	...	...	2	...	...	...	...	...	2	...	...	...	...	...	...
Totals	26	37	134	11	3	4	1	8	224	3	2	1	1	1	8

**TABLE 7.**  
**NOTIFIABLE DISEASES.**

<i>Diseases.</i>	<i>Total Cases Notified</i>	<i>Cases ad- mitted to Hospital and Sanatoria</i>	<i>Total Deaths</i>
Scarlet Fever .....	26	.....	.....
Whooping Cough .....	37	.....	.....
Measles .....	134	.....	.....
Pulmonary T.B. ....	11	3	2
Non-Pulmonary T.B. ....	3	2	.....
Dysentery .....	4	1	.....
Puerperal Pyrexia .....	1	1	.....
Pneumonia .....	8	1	66
Totals .....	224	8	68

It will be seen in the above table that deaths from Pneumonia (66) exceeded by far the total number of notifications of this disease (8). This shows that only a very small proportion of Pneumonia cases were actually notified to this Department.

**TABLE 8.**  
**INCIDENCE OF NOTIFIABLE DISEASES  
ACCORDING TO AGES.**

<i>Diseases</i>	<i>Un- der 1 year</i>	<i>1 to 2</i>	<i>3 to 4</i>	<i>5 to 9</i>	<i>10 to 14</i>	<i>15 to 24</i>	<i>25 +</i>	<i>Age un- known</i>	<i>Tot.</i>
Scarlet Fever .....	.....	2	6	17	1	.....	.....	.....	26
Whooping Cough .....	2	7	7	21	.....	.....	.....	.....	37
Measles .....	4	26	44	57	3	.....	.....	.....	134
Pulmonary T.B. ....	.....	.....	.....	1	.....	10	.....	.....	11
Non-Pulm T.B. ....	.....	1	.....	.....	.....	2	.....	.....	3
Dysentery .....	.....	.....	.....	1	2	1	.....	.....	4
Puerperal Pyrexia .....	.....	.....	.....	.....	1	.....	.....	.....	1
Pneumonia .....	.....	1	.....	.....	2	1	4	.....	8
Totals	6	37	57	97	6	4	17	.....	224

## TUBERCULOSIS

11 Pulmonary and 3 non-pulmonary cases of Tuberculosis were notified during the year, giving a total of 14, of which 5 were admitted to hospital or sanatoria.

The total number of notifications (14) is an increase of 2 over the record low total of 12 in 1966. There had never previously been a year when below 20 cases were notified.

As recently as 1962, 58 notifications were received and during the first years after the war, the average annual figure exceeded 80. There has been, therefore, a dramatic fall in the last five years and this has been shown also in the County of Denbighshire itself and throughout England and Wales. As mentioned previously in the analyses of causes of death, there has been an equally spectacular fall in deaths from this disease.

TABLE 9.

### TUBERCULOSIS NOTIFICATIONS ARRANGED ACCORDING TO AGES.

<i>Age Groups</i>	<i>Pulmonary</i>		<i>Non-Pulmonary</i>		<i>Total</i>
	<i>Males</i>	<i>Females</i>	<i>Males</i>	<i>Females</i>	
Under 1 year	.....	.....	.....	.....	.....
1—4 years	.....	.....	.....	I	I
5—9 years	I	.....	.....	.....	I
10—14 years	.....	.....	.....	.....	.....
15—19 years	.....	.....	.....	.....	.....
20—24 years	.....	.....	.....	.....	.....
25—34 years	I	2	.....	.....	3
35—44 years	I	.....	I	.....	2
45—54 years	2	.....	.....	I	3
55—64 years	I	.....	.....	.....	I
65 and over	3	.....	.....	.....	3
Age unknown	.....	.....	.....	.....	.....
Totals	9	2	I	2	14

TABLE 10

## MASS RADIOGRAPHY

WELSH REGIONAL HOSPITAL BOARD  
MASS RADIOGRAPHY SERVICE

Details of Mass Radiography Surveys carried out during 1967.

<i>Place</i>	<i>Total number examined</i>
Maelor Gas Works, Wrexham .....	182
Cadbury Bros., Ltd., Marchwiol .....	81
Merseyside and North Wales Electricity Board, Rhostyllen .....	286
Brymbo Steel Works, Wrexham .....	490
Lindisfarne College, Ruabon :	
Scholars .....	170
Teaching Staff .....	14
Other Staff .....	30
General Population .....	3
British Celanese Ltd., Wrexham .....	491
Granby Garments, Wrexham .....	155
Air Products Ltd., Acrefair .....	245

1967 was the last year in which the Mass Radiography Service operated on a fixed circuit basis. North-east Wales has, for the past few years, been served by fixed Circuit Unit 'G', which regularly visited 11 locations in the area and in addition carried out special surveys at factories, colleges, etc. The above table summarises these surveys. Since the end of 1967, the system has changed and the areas will now be served by a Mobile Unit only, which serves as and when required and not on a fixed circuit basis as previously. The main reason for the change of system was that in recent years, the yield, particularly of newly discovered Tuberculosis, was extremely low in proportion to the number of X-rays taken. In fact, during 1967, only one new case of Tuberculosis was discovered from general public volunteers in Wrexham out of a total of 4434 X-rayed in the whole of Denbighshire.

## IMMUNISATION AND VACCINATION

The following tables show the number of persons immunised during 1967. (Given in brackets are the comparative figures for the preceding year.)

### Triple Antigen

Triple Antigen consists of Diphtheria, Whooping Cough and Tetanus immunisation, and is administered as a routine at all Infant Welfare Clinics in three separate doses, usually between the age of 3 and 6 months. Booster doses are administered routinely at the age of approximately 18 months.

**TABLE 11**

Number of persons immunised during 1967.

			<i>Total</i>	
Primary Doses	.....	.....	756	(734)
Booster Doses	.....	.....	752	(701)

### Diphtheria and Tetanus

This is administered routinely as a booster to all children on entering school, as at this age they have already obtained full protection with regard to Whooping Cough from the primary Triple Antigen course in infancy. Occasionally, primary doses are given to infants as a few re-act adversely to the Whooping Cough element in the Triple Antigen. This is why the primary dose figures are invariably small in comparison to the booster figures.

**TABLE 12**

Number of persons immunised during 1967.

			<i>Total</i>	
Primary Doses	.....	.....	32	(23)
Booster Doses	.....	.....	297	(282)

### Diphtheria Only

This form of immunisation is administered as a further booster to school children of approximately 10 years of age. It is given in this form because these children were born before 1960 when Triple Antigen and Diphtheria and Tetanus Combined first came into general use in this county. As time goes on, obviously, the combined Diphtheria and Tetanus will supercede this form of boosting at this age group in the same way that it has already done for school entrants at present.

**TABLE 13**

Number of persons immunised during 1967.

			<i>Total</i>	
Primary and Booster Doses Combined	.....	.....	550	(1,100)

**Poliomyelitis**

It will be seen that there have been increases in both primary and booster doses as compared with the previous year. Poliomyelitis vaccination is routinely administered by mouth to infants, following the completion of their primary course in Triple Antigen (i.e. usually between the age of 6 and 9 months), in three separate doses.

Boosters are routinely administered upon attaining school age and also to any other older children who for one reason or another have missed this.

**TABLE 14**

Number of persons immunised during 1967.

			<i>Total</i>	
Primary Doses	.....	.....	1016	(968)
Booster Doses	.....	.....	1442	(806)

**Smallpox**

The following Table gives the number of persons vaccinated in 1967, and the figures for 1966 are also provided for comparison.

**TABLE 15**

**SMALLPOX**

<i>Age yrs.</i>	1967		1966	
	<i>Primary vaccina- tion</i>	<i>Re- vaccina- tion</i>	<i>Primary vaccina- tion</i>	<i>Re- vaccina- tion</i>
0—1	9	—	12	—
1+	290	—	362	—
2—4	55	1	80	2
5—15	7	8	104	7
16+	21	39	28	42

It will be seen that there is a significant decrease throughout all the age groups as compared with the previous year. This, I anticipated in my Annual Report for 1966, as it will be remembered that there was an outbreak of Variola Minor in England and Wales during the summer of that year which roused the public to the need for vaccination.



Vaccination against Smallpox is routinely carried out at all Infant Welfare Clinics to infants attaining the age of one year and it is then recommended that re-vaccination be carried out at intervals of approximately 3 to 5 years thereafter.

## **NATIONAL ASSISTANCE ACT, 1948**

Under Section 47 of the above Act, the Medical Officer has the power to remove certain persons from their homes into a Hospital or Home, if he is satisfied that such persons are aged, infirm or living in insanitary conditions and are not receiving proper care and attention.

During 1967, one such case occurred which warranted compulsory removal.

## **DOMESTIC HELP SERVICE**

The following Table shows the services provided during 1967. The total number of Home Helps as at 31st December, 1967, was 93, a decrease of one as compared with 1966.

**TABLE 16.**

### **DOMESTIC HELP SERVICE.**

Aged 65 or over on first visit in 1967	.....	364
Aged under 65 on first visit in 1967 :		
(1) Chronic Sick and Tuberculosis	.....	47
(2) Mentally Disordered	.....	4
(3) Maternity	.....	11
(4) Others	.....	18
		<hr/>
		444
		<hr/>
No. of Home Helps employed at 31.12.67	.....	93
		<hr/>

The distribution of cases served as shown in the above Table are very little different to previous years. As will be seen, the vast majority of cases served are in the elderly age groups.

## **MEALS ON WHEELS**

No fundamental changes have taken place in the establishment of the Meals on Wheels Service since the last report.



**TABLE 17.**

**HOSPITAL ACCOMMODATION.**

**1. GENERAL.**

(a) Wrexham and East Denbighshire War Memorial Hospital	.....	.....	.....	.....	.....	203 Beds.
(b) Maelor General Hospital :						
Surgery Department	.....	.....	.....	.....	.....	170 Beds.
Gynaecology Department	.....	.....	.....	.....	.....	50 Beds.
Children's Department	.....	.....	.....	.....	.....	55 Beds.
Maternity Department	.....	.....	.....	.....	.....	56 Beds.
Special Care Baby Department	.....	.....	.....	.....	.....	24 Beds.
Dermatology Department	.....	.....	.....	.....	.....	6 Beds.
Ophthalmology Department	.....	.....	.....	.....	.....	24 Beds.
Dental Department	.....	.....	.....	.....	.....	4 Beds.
Chest Department	.....	.....	.....	.....	.....	20 Beds.
Infectious Diseases Department	.....	.....	.....	.....	.....	20 Beds.
Geriatric Department	.....	.....	.....	.....	.....	76 Beds.
Ear, Nose and Throat Department	.....	.....	.....	.....	.....	24 Beds.
Others	.....	.....	.....	.....	.....	42 Beds.
						<hr/> 571 <hr/>

		<i>Gen. Beds.</i>	<i>Mat. Beds</i>
<b>2. COTTAGE HOSPITAL, LLANGOLLEN</b>	.....	<b>11</b>	<b>9</b>
<b>3. COTTAGE HOSPITAL, CHIRK</b>	.....	<b>26</b>	<b>8</b>
<b>4. ORTHOPEADIC.</b>			
Robert Jones & Agnes Hunt Orthopaedic Hospital, Gobowen	.....	.....	518 Beds
<b>5. TREVALYN HALL</b>	.....	.....	55 Beds Geriatric.

**TABLE 18.**

**CLINICS.**

**1. MATERNITY AND CHILD WELFARE.**

These are established in the following areas :—

Brymbo	Gresford	Rhos
Brynteg	Gwersyllt	Rhostyllen
Cefn	Holt	Rossett
Coedpoeth	Johnstown	Ruabon
Froncysyllte	Llay	Trevor

Attendances in general are satisfactory at all clinics, and have been exceptionally high at Brynteg, Coedpoeth, Cefn, Gwersyllt, Llay and Rhos.

In the new purpose-built clinics, facilities are provided for general practitioner services and in some parts of the rural district some clinics are already in such combined use. This arrangement is proving highly satisfactory. During the course of the

year, work was in progress on the erection of new purpose-built clinics at Brymbo and Ruabon. Both these clinics are expected to be in full operation during 1968.

2. Orthopaedic Clinics are held at Cefn (The Clinic) and Wrexham (War Memorial Hospital).

**TABLE 19.**

## **NURSING SERVICES.**

### **1. GENERAL AND MIDWIFERY.**

District Nurse/Midwives and District Nurses for the home visiting of the sick and for maternity cases are provided in the following areas :—

Brynteg	2	Holt	1
Brymbo	2	Gwersyllt	2
Broughton	1	Llay	2
Coedpoeth	1	Rhos	3
Cefn	2	Rhostyllen	2
Gresford	1	Ruabon	1
Garth	1	Penycae	1

Five full-time nurses are employed for relief purposes on the above areas.

### **2. HEALTH VISITORS.**

Fourteen Health Visitors, who are also School Nurses, are employed in the Wrexham Rural District on Maternity and Child Welfare and School Medical work.

This is an increase of one on the total number employed in 1966.

## **AMBULANCE SERVICE**

During the course of the year, work progressed on the erection of the new Ambulance Headquarters situated at Ruthin Road, Wrexham. This Headquarters is to house the bulk of the vehicles and man-power for East Denbighshire.

During the year, two new members were appointed to the Control Staff and 4 new Driver/Attendants were appointed. This gave a total of 24 full-time staff at the end of the year.

It is worth mentioning also that a team from the Wrexham Depot, representing Denbighshire, won the Wales Final competition at Newtown, and thus represented Wales in the All-British Final in Solihull, Warwickshire. In this, they came fourth out of nine finalists. Of the two-man team, one was a native of Rhosllanerchrugog whilst the other came from Wrexham.

## CHIROPODY

The following Table summarises the service given in the rural district during 1967. (1966 figures are given for comparison).

**TABLE 20**  
**CHIROPODY SERVICE 1967**

<i>Centre</i>	<i>Number on Register end of</i>		<i>Number on Waiting List end of</i>	
	1967	1966	1967	1966
Brynteg .....	178	145	5	4
Cefn .....	71	59	—	2
Coedpoeth .....	130	109	—	1
Gresford .....	117	107	—	1
Gwersyllt .....	50	37	6	3
Holt .....	15	17	—	—
Llay .....	67	50	4	2
Rhos .....	174	146	2	1
Rossett .....	85	68	3	3
Ruabon .....	34	31	—	—
Totals .....	921	769	20	17

It will be seen that the numbers on the register have increased at all clinics throughout the area, whilst the waiting list remains at a satisfactorily low level. There are, at present, two full-time chiropodists covering all the above clinics, in addition to others in eastern Denbighshire.

## RAINFALL

A total of 36.83 inches of rain fell during the year as compared to the 1966 figure of 39.9 inches. The Table below shows that the highest monthly rainfall was recorded in October and the lowest in April.

**TABLE 21.**

**RAINFALL FIGURES TAKEN AT PACKSADDLE,  
FOR THE YEAR 1967.**

<i>Month</i>	<i>Rainfall (inches)</i>
January	1.97
February	3.95
March	1.96
April	0.85
May	5.14
June	1.08
July	2.36
August	1.42
September	3.59
October	6.35
November	4.28
December	3.98
Total	<hr/> 36.93 <hr/>

## HOUSING

### Council Dwellings

Table 22 summarises the Council House position in our district as at 31st December, 1967.

TABLE 22. COUNCIL HOUSES ERECTED DURING 1967.

Parish	Total No. of Council Dwellings at 31.12.66	LESS			PLUS No. completed in 1967				Total No. of Council Dwellings at 31.12.67	No. in course of Erection			
		* * *	Aluminium Bungalows	Demolished	Houses	Bungalows	Flats	Improved Properties		Houses	Bungalows	Flats	Improved Properties
Abenbury	102	.....	.....	.....	.....	.....	.....	.....	102	.....	.....	.....	.....
Allington	165	.....	.....	.....	.....	.....	.....	.....	165	.....	.....	.....	.....
Bersham	550	.....	1	.....	23	.....	.....	.....	572	14	.....	.....	.....
Bioston	4	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....
Broughton	934	4	15	.....	26	8	24	4	977	.....	4	18	.....
Brymbo	519	.....	15	.....	.....	5	12	.....	521	.....	.....	.....	.....
Burton	47	.....	.....	.....	.....	.....	.....	.....	48	.....	.....	.....	.....
Cefn	1164	16	11	.....	6	8	6	9	1163	9	5	18	10
Erbistock	18	.....	.....	.....	.....	.....	.....	.....	18	.....	.....	.....	.....
Esclusham Above	10	.....	.....	.....	5	.....	12	.....	27	4	.....	66	.....
Esclusham Below	436	.....	7	.....	.....	.....	.....	.....	429	.....	.....	.....	.....
Gresford	163	27	.....	.....	.....	.....	.....	10	146	.....	.....	.....	17
Gwersyllt	1062	.....	11	.....	17	.....	12	.....	1080	.....	6	.....	.....
Holt	77	.....	.....	.....	.....	.....	.....	.....	77	.....	.....	.....	.....
Isycoed	12	.....	.....	.....	.....	.....	.....	.....	12	.....	.....	.....	.....
Llangollen Rural	229	.....	.....	.....	.....	.....	.....	.....	229	.....	.....	.....	.....
Llantysilio	8	.....	.....	.....	.....	.....	.....	.....	8	.....	.....	.....	.....
Llay	370	.....	.....	.....	.....	.....	.....	.....	370	.....	.....	.....	.....
Marchwiel	105	.....	.....	.....	.....	.....	.....	.....	105	.....	.....	.....	.....
Minera	106	.....	.....	.....	.....	.....	.....	.....	106	.....	.....	.....	.....
Penycae	645	.....	.....	.....	.....	.....	.....	.....	645	5	.....	6	.....
Rhos	949	.....	.....	.....	7	6	24	.....	986	.....	.....	.....	.....
Ruabon	391	.....	.....	.....	10	4	18	.....	423	13	4	42	.....
Sesswick	10	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....
Totals	8076	47	60	.....	94	31	108	21	8223	45	13	156	28

\*\*\* These houses were included in the figures for 1966, being the number of dwellings purchased by the Council for improvement purposes. It was subsequently decided that these dwellings be shown as 'Improvements completed during 1967, and In Course of Improvement during 1967', and are therefore deducted from the total.

## **Private Dwellings**

During the year 232 private houses were also erected.

## **DRAINAGE**

Arrangements for sewerage are reasonably adequate. With regard to sewage disposal, most of the existing works are overloaded and schemes are at the Welsh Office for extension to the Lavister Sewage Disposal Works and also the Joint Scheme with the Borough of Wrexham. This scheme will replace eight existing works. Finally, construction work on the Gresford Sewage Disposal Works is nearing completion.

**ANNUAL REPORT**  
**OF THE CHIEF PUBLIC HEALTH INSPECTOR**  
**FOR THE YEAR 1967**

*To the Chairman and Members of the Health Committee.*

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present my ninth Annual Report on the activities of the Public Health Department for the year 1967.

During the year, Mr. J. R. Evans, Pupil Public Health Inspector in the Department, passed his final examination, and was appointed Technical Assistant. With the establishing of the new Public Cleansing Department, Mr. W. I. Hughes and Mr. Peter Newman were automatically transferred.

Steady progress was maintained with the Slum Clearance Programme, and even though the number of houses condemned during the year shows a decrease, there are quite a number of represented properties which are awaiting confirmation by the Minister.

A 100% meat inspection has again been maintained at the 10 licenced slaughterhouses. The total number of animals slaughtered shows a decrease as compared with 1966, mainly due, no doubt, to the Foot and Mouth outbreak.

The other aspects of Public Health Work, both technical and administrative, have been carried out satisfactorily, and I would like to take this opportunity of expressing my thanks to the members of the staff for their constant loyalty and support.

I would also like to acknowledge the kind co-operation of the Medical Officer of Health, the Clerk of the Council and other Chief Officers, and the confidence and support shown by the Chairman and Members of the Health Committee at all times.

Yours sincerely,

S. DAVIES,  
*Chief Public Health Inspector.*



## SANITARY INSPECTION OF DISTRICT.

The following Table gives a detailed list of the work carried out by the Public Health Inspectors in the Rural District during the year.

**TABLE 23.**  
**AS A RESULT OF INSPECTION.**

### HOUSING:

No. of houses re-roofed	.....	27
No. of houses repaired—Roofs	.....	16
No. of houses repaired—Walls	.....	8
No. of houses repaired—Doors	.....	11
No. of houses repaired—Lighting	.....	9
No. of houses otherwise treated to prevent dampness	.....	5
No. of houses in which defective floors were renewed	.....	9
No. of houses in which defective floors were repaired	.....	1
No. of houses provided with new pavements in back yards	.....	5
No. of houses provided with ventilated food stores	.....	8
No. of houses provided with new kitchen grates	.....	2
No. of houses provided with new washing boilers	.....	4
No. of houses provided with new baths and hot water supply	.....	1068
No. of visits re Council House Applicants	.....	

### DRAINAGE:

No. of nuisances abated (Drains)	.....	58
No. of new cesspools constructed	.....	
No. of new septic tanks constructed	.....	7
No. of kitchen sinks provided	.....	2
No. of new drains laid to old premises	.....	
No. of drains repaired or improved	.....	
No. of Inspection Chambers constructed	.....	

### SANITARY CONVENIENCES:

No. of new water closets provided	.....	
No. of old water closets furnished with flushing cisterns	.....	
No. of old water closets repaired	.....	4
No. of privies converted into water closets	.....	
No. of privies repaired	.....	
No. of new earth closets and privies	.....	
No. of portable ashbins provided	.....	681

### WATER SUPPLY:

No. of old premises supplied	.....	2
No. of service pipes repaired by Owners	.....	
No. of service pipes repaired by Water Co.	.....	122
No. of service pipes renewed by Water Co.	.....	22

### LICENSED PREMISES:

No. of visits to Licensed Premises	.....	14
No. of Licenced Premises improved	.....	
No. of sanitary conveniences improved	.....	3

### FACTORIES ACTS, 1937 and 1961:

No. of visits and inspections	.....	167
No. of workshops repaired	.....	
No. of workshops cleansed on notice	.....	
No. of new sanitary conveniences provided	.....	1
No. of sanitary conveniences improved	.....	

**OFFICES, SHOPS & RAILWAY PREMISES ACT, 1963:**

No. of visits and inspections	.....	.....	.....	135
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**FOOD AND DRUGS ACT, 1955:**

No. of Food Premises improved	.....	.....	.....	.....
No. of visits to Food Preparation Premises	.....	.....	.....	149
No. of visits to Canteens	.....	.....	.....	27
No. of visits to Restaurants and Snack Bars	.....	.....	.....	5
No. of visits to Fish and Chips Shops	.....	.....	.....	23
No. of visits to Ice Cream Premises	.....	.....	.....	23
No. of visits to Bakehouses	.....	.....	.....	16
No. of Bakehouses repaired	.....	.....	.....	.....
No. of Bakehouses cleansed on notice	.....	.....	.....	.....

**ANIMAL BOARDING ESTABLISHMENTS ACT, 1963:**

No. of visits and inspections	.....	.....	.....	12
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**MEAT INSPECTION:**

No. of visits to Slaughterhouses	.....	.....	.....	2827
No. of visits to Butchers' Shops and Stalls	.....	.....	.....	33

**SMOKE ABATEMENT:**

No. of visits and observations	.....	.....	.....	118
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**OFFENSIVE TRADES:**

No. of visits to Knackers Yards	.....	.....	.....	142
No. of visits to Marine Stores	.....	.....	.....	20

**SCRAP METAL DEALERS ACT, 1964:**

No. of visits and inspections	.....	.....	.....	12
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**CLERICAL WORK:**

No. of Intimatory Notices issued	.....	.....	.....	740
No. of Intimatory Notices complied with	.....	.....	.....	731
No. of Statutory Notices issued	.....	.....	.....	.....
No. of Statutory Notices complied with	.....	.....	.....	.....
Total No. of Visits and Inspections	.....	.....	.....	14,820

**HOUSING**

At the end of 1967, the total number of houses condemned post-war was 2,158, and 28 "Grey" properties were purchased by the Council. In addition to this number, 7 Areas including 37 houses and 34 Individual Unfit Houses were represented to the Council during the year.

It will be realised that the slum clearance procedure takes time and some of the areas represented to Council in 1966 have not yet been confirmed, but it is hoped that during 1968, these, together with those represented in 1967, will be confirmed.

Surveys are continually being made in certain areas, resulting in an increased number of houses to be dealt with under the Housing Act.

It is gratifying to note that 208 houses have been demolished and the sites cleared.

The following Table gives details of the position of the Slum Clearance Programme at the end of 1967.

**TABLE 24.**

**IN OR ADJOINING CLEARANCE AREAS.**

1. No. of areas confirmed during the year .....	6
2. (a) No. of houses unfit for human habitation .....	53
(b) No. of houses classed as 'grey land' .....	3
3. No. of people displaced :	
(a) Individuals .....	66
(b) Families .....	24
4. No. of houses demolished :	
(a) Unfit houses .....	83
(b) Houses classed as 'grey land' .....	.....
(c) Houses in redevelopment areas .....	45

**Represented during the year.**

1. No. of areas .....	7
2. Houses unfit for human habitation .....	37
3. No. of people to be displaced :	
(a) Individuals .....	69
(b) Families .....	31

**NOT IN OR ADJOINING CLEARANCE AREAS.**

No. of undertakings accepted (sec. 16) .....	1
No. of closing orders made (sec. 17) .....	3
No. of demolition orders made (sec. 17) .....	53
(including 27 Undertakings to demolish in lieu of making orders).	
No. of closing orders made (sec. 18) .....	.....
No. of closing orders determined (sec. 27) .....	3
No. of closing orders revoked and demolition orders substituted (sec. 28) .....	2
No. of people displaced. (Individual Unfit Houses) :	
(a) Individuals .....	126
(b) Families .....	48
No. of houses demolished following demolition orders .....	71
No. of houses demolished following closing orders .....	2
No. of other houses demolished.....	7

## GRANTS

### Standard Grants

The number of applications received was slightly less than the previous year, but still shows that the majority of the grants are being paid to owner-occupiers.

### Discretionary Grants

In the case of Discretionary Grants, there is an increase over the previous year, both in respect of owner-occupier and tenanted houses. The average grant per house shows an increase of £40 on last year.

TABLE 25.

### IMPROVEMENT GRANTS.

Standard Grants:		Owner/ Occupier. Tenanted.	
Number of applications received	.....	30	4
Number of applications approved	.....	30	4
Number of applications refused	.....	.....	.....
Number of dwellings improved	.....	30	4
Amount paid in grants	.....	£3,650	3s. 1d.
Average grant per house	.....	£107	7s. 2d.
Total cost of work on properties	.....	£9,333	8s. 5d.
Amenities provided:			
Fixed baths or showers	.....	27	
Wash hand basins	.....	28	
Hot water Supplies (to any fittings)	.....	30	
Water closets (within the dwelling)	.....	31	
Food stores	.....	29	
Discretionary Grants:		Owner/ Occupier. Tenanted.	
Number of applications received	.....	55	19
Number of applications approved	.....	51	19
Number of applications refused	.....	4	.....
Number of dwellings improved	.....	51	19
Amount paid in grants	.....	£23,047	os. od.
Average grant per house	.....	£329	4s. 10d.
Total cost of work on properties	.....	£58,628	os. od.

## WATER SUPPLY

A total of 32 samples of water were taken during the year, 31 from properties supplied by the Wrexham and East Denbighshire Water Company and one from the Wrexham R.D.C.'s. Sun Bank Supply. All were submitted to the Public Health Laboratory Service, Chester, for bacteriological examination. Details from the Analyst's reports are given in the following Table.

**TABLE 26.**  
**WATER SUPPLY.**

Nature of Sample and where taken	Probable No. Coliform Bacilli per 100 ml.	Probable No. Bact. Coli (Type 1) per 100 ml.	Remarks
<b>Wrexham and East Denbighshire Water Company.</b>			
Gwersyllt (16.3.67)	0	.....	Excellent.
Gwersyllt (12.4.67)	0	.....	Excellent.
Bradley (17.4.67)	0	.....	Excellent.
Gwersyllt (17.4.67)	0	.....	Excellent.
Gwersyllt (17.4.67)	0	.....	Excellent.
Brynteg (31.5.67)	0	.....	Excellent.
Brynteg (5.6.67)	0	.....	Excellent.
Ruabon (5.6.67)	0	.....	Excellent.
Coedpoeth (20.6.67)	0	.....	Excellent.
Coedpoeth (20.6.67)	0	.....	Excellent.
Minera (13.6.67)	0	.....	Excellent.
Ruabon (13.6.67)	0	.....	Excellent.
Trevor (13.6.67)	0	.....	Excellent.
Cefn (13.6.67)	0	.....	Excellent.
Summerhill (22.6.67)	0	.....	Excellent.
Gwersyllt (29.6.67)	0	.....	Excellent.
Burton (24.7.67)	0	.....	Excellent.
Cefnybedd (21.8.67)	0	.....	Excellent.
Moss (21.8.67)	5	Present.	Not Satisfactory

Nature of Sample and where taken	Probable No. Coliform Bacilli per 100 ml.	Probable No. Bact. Coli (Type 1) per 100 ml.	Remarks
Moss (13.9.67)	0	.....	Excellent.
Brynteg (20.9.67)	0	.....	Excellent.
Burton (20.9.67)	0	.....	Excellent.
Southsea (20.9.67)	0	.....	Excellent.
Moss (20.9.67)	0	.....	Excellent.
Broughton (27.9.67)	3	0	Satisfactory.
Brynteg (27.9.67)	0	.....	Excellent.
Gresford (2.10.67)	1	Present.	Not satisfactory
Broughton (2.10.67)	7	0	Satisfactory.
Summerhill (5.10.67)	0	.....	Excellent.
Gresford (9.10.67)	0	.....	Excellent.
Broughton (2.11.67)	0	.....	Excellent.
<b>Wrexham Rural District Council.</b>			
Sun Bank (16.3.67)	35	Present.	Not satisfactory

In addition to the above, 7 samples of water from properties situated outside the area supplied by the Water Undertakers were submitted for examination as to suitability for domestic purposes.

## FOOD INSPECTION

There are still 10 slaughterhouses licenced to slaughter animals for human consumption, and as in previous years, a 100% inspection has been carried out, taking up a large porportion of the Inspectors' time.

The number of animals inspected during 1967 was 66, 811, which shows a decrease of 11,179 over the 1966 figure. This decrease was chiefly accounted for by the outbreak of Foot and Mouth Disease which occurred in October. The area was restricted and a large number of casualty carcasses were diverted to



other slaughterhouses outside our district. Due to this outbreak, extra precautions had to be taken by the Inspectors to prevent any spreading of the disease from one slaughterhouse to another.

You will note from the report that the number of calves inspected was 273, of which 187 were condemned as unfit for human consumption.

Under the Tuberculosis Order, only 6 cows were condemned.

The inspection of other meat and foods is also carried out by our Inspectors. Details of condemnation are given in Table 27.

TABLE 27.

A. MEAT INSPECTION.

<i>Year 1967</i>	<i>Cattle ex- clud- ing Cows</i>	<i>Cows</i>	<i>Calves</i>	<i>Sheep and Lambs</i>	<i>Pigs</i>	<i>Total</i>
Number killed (if known) .....	3634	975	273	24,588	37,341	66,811
Number inspected .....	3634	975	273	24,588	37,341	66,811
<b>All Diseases except Tuberculosis and Cysticerci.</b>						
Whole carcasses condemned	193	531	187	178	704	1793
Carcasses of which some part or organ was condemned	403	244	3	1,049	3647	5346
Percentage of the number inspected affected with diseases other than tuber- culosis and cysticerci .....						
<b>Tuberculosis only.</b>						
Whole carcasses condemned	.....	6	.....	....	23	29
Carcasses of which some part or organ was condemned	.....	6	.....	.....	850	856
Percentage of the number inspected affected with Tuberculosis .....						
<b>Cysticercosis.</b>						
Carcasses of which some part or organ was condemned		.....	.....	.....	.....	
Carcasses submitted to treat- ment by refrigeration .....	.....	.....	.....	.....	.....	.....
Generalised and totally condemned .....	I	.....	.....	.....	.....	.....

B. MEAT SPECIMENS EXAMINED.

1. Number of meat specimens submitted to laborat-  
ories for pathological examination ..... Nil



## C. UNSOUND FOOD SURRENDERED OR CONDEMNED

			Tons	Cwts	Qrts	Lbs
1.	Meat at Slaughterhouses	.....	186	2	1	17
2.	Meat	.....			159	tins
3.	Soup	.....			239	tins
4.	Fish	.....			39	tins
5.	Peas	.....			133	tins
6.	Beans	.....			233	tins
7.	Carrots	.....			39	tins
8.	Mixed Vegetables	.....			14	tins
9.	Tomatoes	.....			300	tins
10.	Spaghetti	.....			8	tins
11.	Sauce	.....			58	bottles
12.	Fruit	.....			950	tins
13.	Condensed Milk	.....			3	tins
14.	Cream	.....			9	tins
15.	Milk	.....			73	tins
16.	Milk Puddings	.....			41	tins
17.	Sponge Pudding	.....			1	tin

## FOOD SAMPLING

The Denbighshire County Council is the Food and Drugs Authority, and once again, I wish to thank Mr. D. Hugh Owens, Chief Inspector, Weights and Measures, for the following information in respect of formal samples taken by his Department in our area during 1967.

**TABLE 28**

Particulars of samples taken duner the Food and Drugs Act, in the Wrexham Rural District, during the year ended 31st December, 1967.

<i>Article</i>	<i>No. Taken</i>	<i>Genuine</i>	<i>Not Genuine or Sub- standard</i>
<b>Milk</b> .....	<b>120</b>	<b>120</b>	.....
Butter .....	4	4	.....
Margarine .....	1	1	.....
Cooking Fat .....	1	1	.....
Cooking Oil .....	1	1	.....
Cheese .....	1	1	.....
Flour .....	2	2	.....
Bread .....	1	1	.....
Cereal .....	1	1	.....
Beefburgers .....	2	2	.....
Meat Pies .....	4	4	.....
Tinned Meat .....	2	2	.....
Sausages .....	2	2	.....
Salad Cream .....	1	1	.....
Vinegar .....	1	1	.....
Soup .....	1	1	.....
Gelatine .....	1	1	.....
Table Jelly .....	1	1	.....
Rice Pudding .....	1	1	.....
Ice Cream .....	6	6	.....
Ice Lollies .....	1	1	.....
Evaporated Milk .....	1	1	.....
Jam .....	1	1	.....
Marmalade .....	1	1	.....
Sweets .....	2	2	.....
Fruit Cocktail .....	1	1	.....
Sultanas .....	1	1	.....
Baby Food .....	1	1	.....
Soft Drinks .....	1	1	.....
Beer .....	1	1	.....
Whiskey .....	1	1	.....
Rum .....	1	1	.....
Gin .....	1	1	.....
Apricot (Flavour) Wine .....	1	1	.....
"Slimming" Food .....	2	2	.....
Saccharin Tablets .....	2	2	.....
Cough Mixture .....	2	2	.....
Proprietary Tablets .....	3	3	.....
<b>Totals</b> .....	<b>178</b>	<b>178</b>	.....

As will be observed from the above Table, 120 samples of milk, and 58 samples of other foods etc., were taken in the Rural District during the year. All the samples submitted were certified by the Public Analyst to be genuine and free from all pro-

hibited preservatives and colouring matter. In addition to the usual tests for quality, all samples of "farm-bottled" milk are tested for the presence of antibiotics. During the year under review, 36 such samples were tested with a negative result in each instance.

Apart from the samples of milk submitted to the Public Analyst, a further 50 samples of milk taken from Schools, Institutions and Vending Machines were tested at the Wrexham Office by the Inspectors. All these samples were found to be satisfactory and to conform to the required standard.

## **FOREIGN BODIES IN FOOD**

Seven complaints were received in respect of foreign bodies in food. In one case prosecution was taken, warnings were given in two cases and no action was taken in the remaining four cases.

## **FOOD PREMISES**

The number of premises on the register remains as in 1966, namely 72. 181 visits were paid to these premises and in no instance was it essential to serve a notice.

## **FISH FRYING**

The premises registered remains at 25. These premises are regularly visited and are found to be kept in a satisfactory condition.

## **BUTCHERS SHOPS**

There was no change in the number of butchers shops in the area ; it remains at 38.

It is pleasing to note that all these shops are of the high standard required by the Hygiene Regulations.

## **BAKEHOUSES**

There was a decrease of two bakehouses on the register at the end of the year, giving a total of 14 registered premises.

These premises are periodically visited and all were found to be satisfactory.

## **ICE CREAM PREMISES**

The total premises registered to store and sell Ice Cream is 233 ; 6 new premises having been registered during the year.

These premises are regularly visited to ensure that they comply with the standards laid down in the Food Hygiene Regulations.

## FACTORIES ACTS, 1937 AND 1961

At the end of the year there were 185 factories on the Council's register, 19 factories having been discontinued and 17 new factories registered.

Regular visits are paid to these premises and it was only found necessary to serve one notice in respect of insufficient sanitary conveniences.

The following Table gives details of the nature of the factories.

**TABLE 29.**

FACTORY.	No. on Register.
Animal Liquafoods .....	1
Bacon Factory .....	1
Blacksmiths .....	2
Boot Repairers .....	9
Brickworks .....	7
Cabin Cruiser Repairs .....	1
Chemical Works .....	4
Chocolate Manufacturers .....	1
Coach Builders .....	3
Coal Washing .....	1
Collieries .....	3
Cotton, Weaving and Spinning .....	2
Cycle Shops .....	4
Dairies .....	1
Domestic Products .....	1
Dressmaking and Tailoring .....	7
Electrical Equipment .....	14
Engineering Repair Workshops .....	1
Firewood Dealers .....	1
Garages .....	49
Gas Works .....	3
Hydraulic Equipment .....	1
Iron, Steel and Metal Manufacturers .....	5
Joinery (Upholstery and Undertaking, Builders' Shops etc.) .....	20
Life Saving Equipment .....	1
Lime Works .....	1
Millers .....	2
Plastic Manufacture .....	1
Poultry Preparation .....	1
Pre-cast Concrete Units .....	5
Printer .....	1
Sawmills .....	6
Scrap Dealers .....	5
Slag Handling and Scrap Recovery .....	2
Slaughter Houses .....	10
Stone Crushing .....	1
Stonemasons .....	2
Tiled Fireplaces .....	2
Toilet Rolls Manufacture .....	1
Toy Manufacture .....	2
	<hr/>
	185

TABLE 30.

## PART 1 OF THE 1961 ACT.

1—INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities .....	27	896	.....	.....
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.....	172	2114	1	.....
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) .....	.....	.....	.....	.....
Totals .....	*199	3010	1	.....

\*This figure includes bakehouses.

2—Cases in which DEFECTS were found

(If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "cases").

Particulars  (1)	Number of cases in which defects were found				No. of cases in which prosecutions were instituted (6)
	Found (2)	Re-medied (3)	Referred To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1.)	.....	.....	.....	.....	.....
Overcrowding (S.2.)	.....	.....	.....	.....	.....
Unreasonable temperature (S.3.)	.....	.....	.....	.....	.....
Inadequate Ventilation (S.4.)	.....	.....	.....	.....	.....
Ineffective drainage of floors (S.6.)	.....	.....	.....	.....	.....
Sanitary Conveniences (S.7.)					
(a) Insufficient	I	.....	.....	I	.....
(b) Unsuitable or defective	.....	.....	.....	.....	.....
(c) Not sepearte for sexes	.....	.....	.....	.....	.....
Other offences against the Act (not including offences relating to Outwork)	.....	.....	.....	.....	.....
Total	I	.....	.....	I	.....





# OFFICES, SHOPS AND FAILWAY PREMISES ACT, 1963

A special effort was made to carry out general inspections under the above Act, and it will be noted that the number inspected has been trebled as compared to last year. The number of visits has also been increased.

Full details are given in the following Table.

**TABLE 32**

## **A. REGISTRATION AND GENERAL INSPECTION.**

<i>Class of Premises</i>	<i>No. of premises on Council's register at end of 1966</i>	<i>Premises canelled during 1967</i>	<i>New registrations during 1967</i>	<i>Total No. on Council's register at at end of 1967</i>	<i>No. of registered premises receiving a general inspection during 1967</i>
Offices .....	71	6	2	67	18
Retail Shops .....	163	13	3	153	63
Wholesale Shops, Warehouses .....	6	—	—	6	2
Catering Establishments open to Public, Canteens .....	19	4	—	15	1
Fuel Storage Depots	1	—	—	1	—
<b>Totals</b> .....	<b>260</b>	<b>23</b>	<b>5</b>	<b>242</b>	<b>84</b>

No. of visits of all kinds by Inspectors to Registered Premises = 135

## B. ANALYSIS OF CONTRAVENTIONS.

Section.	Cases considered under :	No. of Contra-ven- tions found.
4	Cleanliness .....	—
5	Overcrowding .....	1
6	Temperature .....	56
7	Ventilation .....	2
8	Lighting .....	6
9	Sanitary Conveniences .....	4
10	Washing facilities .....	2
11	Supply of Drinking Water .....	—
12	Clothing Accommodation .....	—
13	Sitting facilities .....	1
14	Seats (Sedentary Workers) .....	—
15	Eating facilities .....	—
16	Floors, passage and stairs .....	9
17	Fencing exposed parts machinery .....	—
18	Protection of young persons from dangerous machinery .....	—
19	Training of young persons working at dangerous machinery .....	—
23	Prohibition of heavy work .....	—
24	First Aid .....	25
	Other matters .....	53
	Total .....	<u>159</u>

## C. EXEMPTIONS.

No. of applications received ..... —

## D. PROSECUTIONS.

No. instituted and completed during the year ..... —

## E. REPORTED ACCIDENTS.

Workplace	No. Reported		Total No. Investigated.	Action Recommended			
	Fatal.	Non-Fatal.		Prosecution	Formal Warning.	Informal Advice.	No Action
Offices	.....	.....	5	.....	.....	I	4
Retail Shops	.....	.....	I	.....	.....	.....	I
Wholesale Shops, Warehouses	.....	.....	.....	.....	.....	.....	.....
Catering Establishments open to public, canteens	.....	.....	.....	.....	.....	.....	.....
Fuel Storage Depots	.....	.....	.....	.....	.....	.....	.....
Totals	.....	6	6	.....	.....	I	5

### Analysis of reported accidents.

Cause of Accident.	Offices.	Retail Shops.	Wholesale Warehouses.	Catering establishments open to public, canteens.	Fuel Storage Depôts.
Machinery	.....	.....	.....	.....	.....
Transport	.....	.....	.....	.....	.....
Falls of persons	4	.....	.....	.....	.....
Stepping on or striking against object or person	.....	.....	.....	.....	.....
Handling goods	.....	I	.....	.....	.....
Struck by falling object	.....	.....	.....	.....	.....
Fires and Explosions	.....	.....	.....	.....	.....
Electricity	.....	.....	.....	.....	.....
Use of hand tools	.....	.....	.....	.....	.....
Not otherwise specified	I	.....	.....	.....	.....

## CLEAN AIR ACT, 1956

During the year, complaints were received in respect of smoke from a brickworks. As this was a matter for the Alkali Inspector, he was consulted and visited the works with the District Public Health Inspector, and discussed with the Manager the best means of reducing the cause of the nuisance.

A new factory was opened in another part of the district, which has been the cause of smoke and dust nuisances for the whole of the year. After a great deal of pressure from this Department, planning consent was given to the owners to replace the obsolete plant which was causing the complaint. During the year, this plant has been kept under observation and whilst there is an improvement, we are not yet satisfied that the pollution has been reduced to a satisfactory minimum.

You will note that the results of the gauges (Bwlchgwyn 1 and 2) fluctuate from month to month. This is chiefly due to the number of days the plant was working.

Five Standard Deposit Gauges and two Lead Dioxide Instruments are sited in the area and the results are given in the following Tables.

**TABLE 33.**

### STANDARD DEPOSIT GAUGES.

<i>Month</i>	<i>Tons pollution per square mile.</i>				
	<i>Acrefair</i>	<i>Cefn</i>	<i>New Broughton</i>	<i>Bwlchgwyn 1</i>	<i>Bwlchgwyn 2</i>
January .....	1.94	3.87	3.14	8.35	3.55
February .....	4.00	5.51	.....	3.38	2.91
March .....	.....	2.16	2.46	28.22	2.43
April .....	1.17	1.83	1.45	10.12	1.13
May .....	.....	6.73	5.07	47.72	13.13
June .....	3.87	9.37	10.74	.....	3.42
July .....	4.87	6.97	4.93	.....	7.73
August .....	1.07	1.27	1.52	84.50	2.74
September .....	0.74	2.70	1.79	72.00	5.30
October .....	2.17	3.13	5.10	139.45	2.15
November .....	2.27	2.60	2.98	66.01	1.16
December .....	.....	5.37	3.35	64.14	4.69

**TABLE 34.**

**LEAD DIOXIDE INSTRUMENTS.**

<i>Month</i>	<i>Rhosycoed Site, Trevor</i>	<i>Pentre Broughton</i>
January	0.70	0.77
February	0.36	0.55
March	0.39	0.51
April	0.65	0.87
May	0.43	0.33
June	0.27	0.28
July	0.20	0.18
August	0.15	0.23
September	0.26	0.42
October	0.29	0.29
November	0.47	0.85
December	0.53	0.54

**ANIMAL BOARDING ESTABLISHMENTS ACT, 1963**

One Animal Boarding Establishment was discontinued during the year, leaving the total premises registered with the Council as three.

**CARAVAN SITES AND CONTROL OF DEVELOPMENT  
ACT, 1960**

There is a total of 30 Licenced caravan sites on the Council's Register. Of these, 21 are used for holiday purposes and 9 for residential use.

Periodic inspections of the sites are carried out to ensure that the conditions attached to the licences are complied with. In the main, it is found that the majority of the sites are kept in quite a satisfactory condition.

**PROVISION OF ASHBINS**

Under the provision of Section 75(3) of the Public Health Act, 1936, 61 ashbins have been supplied to private houses, bringing the total thus supplied at the end of 1967 to 275.



## **PUBLIC CLEANSING**

You will recollect that in my report for 1966, I stated that the Council proposed to create a new Department to deal with cleansing and all repairs to vehicles owned by the Council, and this was officially commenced in April, 1967. The buildings at Llay Hall have been acquired and have been converted as a service depot, and as from December, 1967, all Council vehicles and machinery are maintained by the Public Cleansing Staff.

Owing to the Foot and Mouth outbreak, we instructed the Public Cleansing Department to close one tip as the approach road to this was through farm fields. This tip remained closed for the disposal of refuse until such time as the area was certified as clear.

## **SCRAP METAL DEALERS ACT, 1964**

There has been no change in the number of Scrap Metal Dealers on the Council's register. The total at the end of 1967 remains at 18.

## **PREVENTION OF DAMAGE BY PESTS ACT, 1949**

Under the above Act, it shall be the duty of the Local Authority to inspect premises suspected of being infested with rats or mice. During the year, 789 properties were found to be infested, 610 by rats and 179 by mice. These were treated satisfactorily and in a number of cases 3 or 4 visits to each property was necessary.

Owing to the large number of infestations, the Rodent Operator was assisted by the District Inspectors and I feel that it will be necessary to appoint another Rodent Operator in the new year. The establishment was originally for two Rodent Operators. One left the service and the vacancy was not filled at the time and we have, for an experimental period, tried to carry on with one operator, but in view of the increased number of infestations, this can no longer take place.

## **INFESTATION BY VERMIN**

In addition to the work on rodent control, the Rodent Operators deal with complaints of all kinds of vermin infestations, such as ants, crickets, wasps, beetles, bugs, earwigs and hornets. There was an increase in the bug infestations, from one to three, all occurring in Council houses.

## **KNACKERS YARDS**

There are two Knackers Yards in the area, namely :—

Tyddyn Daniel, Marchwiell. (Clutton).

Ffrwd, Brymbo. (Bond).

142 visits were paid to these premises during the year and they were found to be satisfactory.

12 horses were slaughtered and 11 carcasses were received at Ffrwd together with 13 horses slaughtered and 39 carcasses received at Marchwiell.

## **RAG FLOCK ACT, 1951**

Two premises are registered under the above Act, namely :

Remploy Limited, Trading Estate, Wrexham.

Johnstown Manufacturing Company Limited, Johnstown.



